**Indicator 3.02 Apply Properties Associated with the Controls  
How To Walkthrough**

1. Open a new Project (use one of the methods below). Save it as Hello.
   * File 🡪 New Project
   * New Projects Window from Start page 🡪 Create Project
   * Click the New Project  button on toolbar
2. Add the following Controls from your Toolbox
   * Button
     + Change the Properties
       - (Name) – btnHello
       - Text – Hello
   * Label
     + Change the Properties
       - (Name) – lblMessage
       - Text – *empty* (clears out all text—don’t actually enter the word *empty*)
3. Go to your Code Editor window *(you can skip to the step 4, if you like since the text below simply shows you how you can access the code view)*
   * View menu 🡪 View Code
   * Right-click 🡪 View Code
   * Solution Explorer window 🡪 Select View Code button
4. Create a button click event for your btnHello
   * In the Design window
     + Double-click on the button
   * In the Code Editor window
     + Select the button from the Class Name List (
       - Click on the drop-down button to see all control objects to select the button.
     + Select the Click method from the Method Name List.
       - Click on the drop-down button to see all methods associated with the control object you chose.
5. Add the code to display the message “Hello” in the lblMessage label
   * Type:  
      lblMessage.Text = “Hello”
   * Note
     + The statement tells the compiler to put the string “Hello” into the Text property of the lblMessage control object.
     + Your string must be in the double quotation marks.
6. Add a GroupBox
   * From the Toolbox, in the Containers section, Click on the GroupBox control object.
   * Click on the form and “draw” your groupbox.
   * Change the Properties
     + (Name) – grpChoices
     + Text – Language Hello
7. Add the following RadioButtons
   * Click on the RadioButton control
   * Click in the GroupBox grpChoices
   * Change the Properties
     + (Name) – radEnglish
     + Text – English
   * Repeat the process to add two new RadioButtons
     + radFrench
       - (Name) – radFrench
       - Text – French
     + radGerman
       - (Name) – radGerman
       - Text – German
8. Add the following messages in Click events for each.
   * In the Design window
     + Double-click on the RadioButton
   * In the Code Editor window
     + Select the RadioButton from the Class Name List (
       - Click on the drop-down button to see all control objects to select the button.
     + Select the CheckChanged method from the Method Name List.
       - Click on the drop-down button to see all methods associated with the control object you chose.
   * radEnglish  
      lblMessage.Text = “Hello”
   * radFrench  
      lblMessage.Text = “Bonjour”
   * radGerman  
      lblMessage.Text = “Guten Tag”
9. Add another GroupBox
   * From the Toolbox, in the Containers section, Click on the GroupBox control object.
   * Click on the form and “draw” your groupbox.
   * Change the Properties
     + (Name) – grpChoices2
     + Text – Language Goodbye
10. Add the following Checkboxes
    * Click on the Checkbox control
    * Click in the Checkbox grpChoices2
    * Change the Properties
      + (Name) – chkEnglish
      + Text – English
    * Repeat the process to add two new Checkboxes
      + chkFrench
        - (Name) – chkFrench
        - Text – French
      + chkGerman
        - (Name) – chkGerman
        - Text – German
11. Add the following messages in Click events for each.
    * In the Design window
      + Double-click on the Checkbox
    * In the Code Editor window
      + Select the Checkbox from the Class Name List (
        - Click on the drop-down button to see all control objects to select the button.
      + Select the CheckChanged method from the Method Name List.
        - Click on the drop-down button to see all methods associated with the control object you chose.
    * chkEnglish  
       lblMessage.Text = “Goodbye”
    * chkFrench  
       lblMessage.Text = “Au Revoir”
    * chkGerman  
       lblMessage.Text = “Auf wiedersehen”
12. You could have the messages “concatenate” or merge by using the following
    * By merging, as you select the checkboxes, they will add text to the existing text in the label instead of replacing the existing text.
    * lblMessage.Text **&=** “Goodbye”